

Enterprise Transition Plan, Appendix B: DoD Component Transformation Summary

Component	Component Systems and Initiatives	Objective	Program Milestones Milestone	Date	Cost and Migration	FY04 & Earlier	FY05	FY06	FY07
AIR FORCE	ACES Automated Civil Engineering System	<p>This project is called the Automated Civil Engineer System (ACES) and is a reengineered, Oracle Forms, Oracle-based, relational database system developed to replace the Interim Work Information Management System (IWIMS), a closed-architecture consisting of Common Business-Oriented Language (COBOL) compilers with flat-file (non-relational) databases.</p> <p>Modernization Objectives:</p> <p>1) Share common data elements</p> <ul style="list-style-type: none"> - Eliminate duplication of data currently stored in 212 ACES databases - Consolidate the 212 databases into one logical database. - Provide data rollup capabilities to all management levels (Base, MAJCOM, and Air Staff) - Maintain current interfaces and add new interfaces as required <p>2) Standardize Engineers IT capabilities</p> <ul style="list-style-type: none"> - Identify and standardize common CE IT functionalities within the 212 ACES databases. (A few examples: Inventory, inspections, schedules, reports, and events management) - Enable geospatial data. - Eliminate other systems (spreadsheets, databases, and other COTS and GOTS software applications) used to perform common IT functionalities. - Provide consistent and accurate data through standardized CE IT functionalities. <p>3) Enhance Engineers IT capabilities with shared functions</p> <ul style="list-style-type: none"> - Provide all CE communities consist access to IT automated tools and data. - Provide one system for employees to complete duty tasks or business processes. - Reduce the amount of steps, where applicable, to complete a business process within the system. <p>4) Move ACES to the GCSS framework</p> <p>5) Provide access to CE data</p> <ul style="list-style-type: none"> - Utilize AFKS to allow non-CE users access to CE data - Provide ad hoc reporting and data mining of CE data through AFKS - Provide one source for CE data through AFKS <p>6) Implement BMMP requirements: RPIR, RPUID and RP Access</p> <p>7) Replace Oracle Forms with J2EE or .NET</p>	ACES OPS Modernization FOC	10/2005	# Systems Migrated	-	-	1	-
			ACES Phase 1 Modernization FOC	11/2007					
			ACES Phase 2 Modernization FOC	5/2008	Budget	81.2	13.3	15.4	12.8
			ACES Phase 3 Modernization FOC	11/2008					
					Actual	81.2			

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AIR FORCE	ADLS Advanced Distributed Learning System	The ADLS is an existing, highly successful, operationally oriented and web-enabled system on the Air Force Portal. The overarching vision of this program is to achieve the President's priority for e-Gov initiatives, and support the Air Force e-Learning efforts. The ADLS provides policy, guidance and courseware style guide and a repository of government-owned courseware available to all government agencies, and provides high-interest and government-required training to government employees and military services at economies of scale pricing. For example, the ADLS supports all mobility and combat readiness training for Air Education and Training Command as well as certain courses for the US Army; DoD mandated course are also migrating to the ADLS. The ADLS provides flexible training solutions and a streamlined method of tracking and managing the conduct of training. The ADLS automates career field training records for participating agencies to reduce recordkeeping workload, and provides greater visibility into career training for commanders.	IOC No defined future milestone dates.	7/2004	# Systems Migrated	-	-	-	-
					Budget	1.3	1.9	2.3	2.4
					Actual	1.3			
	AFIR&I* Air Force Information Reliability & Integration Action Plan	AFIR&I Action Plan identifies the steps each organizational element must take to fully integrate all financial and non-financial processes and systems into a CFO compliant environment and provides Air Force decision-makers with the quality information they need most to effectively manage their resources. This plan involves 22 cross-functional Air Force organizational elements as well as DFAS and OUSD(C).	Maintain Info to Support UAO See complete list of user defined milestones in Appendix J: System Transition Schedule.	7/2013	Budget	26.3	4.9	5.0	5.1
					Actual	26.3			
	AFRISS Air Force Recruiter Information Support System	The AFRISS is a core mission system of record for all Air Force non-commissioned Airmen recruiting actions. It is used for all personnel management functions, recruiting, job assignment, flow and trend analysis and congressional inquiries. Legislative drivers for AFRISS include: a) Congressional inquiries, mandates, changes in law, military pay interface; b) Air Force manpower reductions, personnel policy changes, new initiatives; and c) external drivers which include technical obsolescence of the current Oracle software, technical refreshment requirements.	Milestone A Milestone B Milestone C IOC FOC	8/1998 12/1998 2/1999 6/1999 11/2007	# Systems Migrated	-	-	-	-
					Budget	77.4	12.8	9.9	10.2
					Actual	77.4			

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AIR FORCE	DEAMS-AF Defense Enterprise Accounting and Management System-Air Force	The Defense Enterprise Accounting and Management System (DEAMS) has been approved under Business Management Modernization Program (BMMP) as a joint United States Transportation Command (USTRANSCOM), Defense Finance and Accounting Service (DFAS) and Air Force project, using enterprise architecture to replace the Airlift Services Industrial Fund Integrated Computer System (ASIFICS), the Automated Business Services System (ABSS), General Accounting Finance System (GAFS), the GAFS Rehost (GAFS-R), and Integrated Accounts Payable System (IAPS). The system will use a Joint Financial Management Improvement Program (JFMIP) approved Commercial Off-the-Shelf (COTS) package as the core and will be compliant with the Office of Management and Budget (OMB), Chief Financial Officer (CFO) Act, Financial Management Improvement Plan (FMIP), Business Enterprise Architecture (BEA) and BMMP requirements. There will be two (2) increments for the new project. Increment 1, Version 1.1 will convert the USTRANSCOM, its Air Mobility Command (AMC) component, and Scott Air Force Base (AFB) tenants over to DEAMS as a technology demonstration. Increment 1, Version 1.2 will convert all of the USTRANSCOM (remainder of AMC, all SDDC and MSC) over to DEAMS. Increment 2 will implement DEAMS throughout the Air Force. DEAMS will be available to all interested Defense Agencies. In addition, the integrated data provided by DEAMS will be available to USTRANSCOM's customers, the Secretary of Defense, Joint Chiefs of Staff (JCS), and Combatant Commanders.	Milestone	Date	# Systems Migrated	-	1	-	3
			Inc 1 (USTRANSCOM) Milestone A Milestone B Milestone C IOC FOC	4/2005 1/2007 9/2007 9/2007 2/2008					
			Inc 2 (USAF) Milestone A Milestone B Milestone C IOC	1/2007 2/2008 3/2009 3/2009	Budget	3.3	11.7	25.2	14.0
					Actual	3.3			

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AIR FORCE	EBS Enterprise Business System	AFRL is transforming its business processes and enabling technology to provide faster technology transition to the Warfighter. It will give AFRL the capability to collect, process, and disseminate timely, accurate information and place it in the hands of appropriate decision-makers. This investment directly supports the AFRL mission of leading the discovery, development and integration of affordable warfighting technologies for our air and space force by focusing on faster technology transfer, horizontal integration, enterprise-wide capabilities and transformation of the entire laboratory. This investment supports the DoD Joint Vision, the Air Force Core Competencies, and the President's Management Agenda (Items 1,2,4 and 5).	Milestone A Milestone B Milestone C IOC FOC	9/1999 2/2000 10/2002 4/2004 9/2008	# Systems Migrated	-	4	3	18
					Budget see note 4	48.4	15.9	12.3	8.4
					Actual	48.4			
	ECSS-IL Expeditionary Combat Support System	ECSS delivers the Air Force Logistics Domain's Information Technology enabler to sustain the force. ECSS improves Warfighter capability by transforming AF Logistics Business processes, accomplished through 1) improvement in the synchronization of operations/logistics planning and execution 2) improving command and control 3) providing near real-time worldwide visibility of assets, and 4) embracing updated best business practices.	Milestone A Milestone B Milestone C IOC FOC	8/2005 12/2007 10/2008 3/2011 9/2012	# Systems Migrated	-	-	-	-
					Budget	-	123.0	162.3	227.1
					Actual	-			

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AIR FORCE	EESOH-MIS Enterprise Environmental Safety And Occupational Health Mgt Info Sys	(ITMA BIN #0016 / EITDR # BI0004U9) This project is called the Enterprise, Environmental, Safety, Occupational Health (EESOH) and is a reengineered, Oracle-based, relational database system developed to replace over 30 independent stovepipe systems developed in several different environments ranging from Oracle Client-server applications to Microsoft ACCESS databases. It is designed to support base-level and higher Headquarters Civil Engineer (CE) functions in day-to-day operations of environmental systems and environmental compliance. EESOH provides direct Civil Engineer environment management support to active Air Force units, the Air National Guard, and the Air Force Reserve, during peace and war, at fixed main bases, bare bases, and deployed locations. It functions as an interoperable, user-friendly system, providing accessible information that expedites effective Air Force environmental management and compliance. This system will interface with other systems identified in the Global Combat Support System - Air Force (GCSS-AF) Capstone Requirements Document (CRD). The environmental flight consists of a total of 18 functional areas.	Version 1.1 (Hazmat) FOC Version 1.2 (Cleanup) FOC Version 1.3 (HazWaste) FOC Version 1.4 (Air) APIMS Rpl FOC	6/2005 12/2005 9/2006 1/2007	# Systems Migrated	-	-	2	8
					Budget see note 5	-	7.7	-	-
					Actual	1.1			
	ELR* Enterprise Lean Re-Engineering	The objective of the Enterprise Lean Re-Engineering (ELR) is to identify, analyze and improve Air Force processes that have a direct bearing on warfighter effectiveness and present a high potential for efficiencies. Processes are identified using the Integrated Capabilities and Risk Assessment tool of the Air Force as well as COCOM information requirements. Identified processes are assigned a process champion with the authority to define changes to policies, TTP, processes and systems across the Air Force commands and functions. The areas Identified to-date for enterprise process re-engineering are (a) Operational Support Command and Control (b) Deployment Management (c) Full Spectrum Threat Response (d) Agile Maintenance.	Spiral 2 OS 5 Critical Processes for Re-engineering Complete AF-wide incremental changes See complete list of user defined milestones in Appendix J: System Transition Schedule.	5/2008	Budget	-	1.5	11.4	21.0
					Actual	-			
	ETIMS Enhanced Technical Information Management System	ETIMS provides TO Managers and Equipment Specialists centralized capabilities to manage and sustain digital Technical Orders while supporting the delivery of electronic data to the point of maintenance putting the most current data in the hands of the war fighter.	Spiral 1 Milestone B Milestone C IOC Spiral 3 FOC	11/2005 4/2006 4/2006 9/2009	# Systems Migrated	-	-	-	6
					Budget	49.7	11.4	23.2	27.0
					Actual	49.7			

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AIR FORCE	FIRST Financial Information Resource System	FIRST is a Commercial Off The Shelf (COTS) based software development effort that will provide an integrated, modern, seamless financial management system that enables authorized users (from Air Staff to base level) to plan, program, and execute their budgets. FIRST supports the Air Force Core Competency for Agile Combat Support. FIRST is ultimately envisioned to be the foundation for the Air Force's Planning, Programming, Budgeting, and Execution (PPBE) system. FIRST will be developed using the Spiral Development approach and maximize use of Commercial Off The Shelf (COTS) products. The core capabilities include Enterprise Data View, Budget Formulation, Budget Execution, and Cost Modeling. Additional increments of FIRST will continue development of legacy system's capability contained in the Automated Business Services System (ABSS) and the Obligation Adjustment Reporting System (OARS). FIRST will absorb and provide the AFMC Budget Formulation Processes and Procedures now provided by the Command Management System. FIRST will be compliant with the Clinger-Cohen Act, Business Management Modernization Program (BMMP), the Joint Technical Architecture (JTA), Global Combat Support System-Air Force (GCSS-AF) Integration Framework, Command, Control, Communications, Computer, Intelligence, Surveillance and Reconnaissance (C4ISR) guidelines, and incorporate Public Key Infrastructure initiatives (such as electronic signature capability). FIRST will be integrated onto the GCSS-AF architecture.	Milestone B	3/2001	# Systems Migrated	-	-	3	1
			Milestone C	5/2007					
			IOC	9/2007					
			FOC	9/2010	Budget	76.6	20.0	17.4	21.1
					Actual	76.6			
	FM SDM* Financial Management Service Delivery Model	Transforms the delivery of Air Force Financial Management by moving from direct on-base support to web-based and contact center based financial services. Will substantially reduce the manpower used in financial services. This initiative also provides enhanced decision support to commanders. This initiative is closely linked with the Personnel Service Delivery Transformation **The budget numbers will be identified in FY07 President's Budget.	Center of Expertise IOC FOC Combat Comptroller Contingency Organization FOC	10/2005	Budget see note 6	-	-	-	-
				09/2008					
				09/2009	Actual	-			

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AIR FORCE	MPES-DP Manpower Programming and Execution System	Replaces two legacy systems, HAF Manpower Data Systems and the Manpower Data Systems, web enabling entire process of manpower resource programming and execution data.	FOC	5/2005	# Systems Migrated	-	1	-	-
					Budget	2.8	3.8	3.8	3.8
					Actual	2.8			
	NAF-T Non-Appropriated Funds (NAF) Transformation	Non-Appropriated Funds Transformation, NAF-T, is a four-phased, multi-year enterprise resource plan (ERP) for the modernization of Services businesses financial reporting and payroll. Phase 1 of the ERP consists of replacing COBOL based legacy accounting and payroll systems with a COTS solution and establishment of a Shared Service Center (SSC) to provide world-wide accounting and payroll services to every installation. Phase 2 of the ERP encompasses point-of-sale (POS) modernization at Services activities for purposes of transmitting daily business transactions to the COTS accounting system, eliminating redundant manual processing, errors and manpower through a one-entry transaction. Phase 3 is Supply Chain Management, which includes acquisition of standard, web-based purchasing/inventory systems for Services resale activities that will interface with the accounts payable and banking programs to reduce re-entry of data manually into numerous systems. Phase 4 is Customer Relations management, comprised of improved services to our customers by leveraging technology (e.g., web-based reservations world-wide, web access for registration in Services activities, etc) in delivery of our services to each base community.	Phase 1-Financial Milestone A Milestone B Milestone C IOC FOC Initial Policy Final Policy Phase 2-POS Modernization Milestone C FOC Initial Policy Final Policy Phase 3-Supply Chain Mgmt FOC Initial Policy Final Policy Phase 4-CRM FOC Initial Policy Final Policy	12/2003 3/2005 6/2005 12/2005 9/2008 12/2005 9/2008 6/2005 9/2010 3/2007 9/2010 9/2015 9/2009 9/2015 9/2015 9/2010 9/2015	# Systems Migrated	-	-	-	-
					Budget	6.5	9.6	1.3	1.0
					Actual	6.5			
	OSMP* Operational Support Modernization Program	The objective of the OSMP is to integrate and modernize the Air Force operational support functions (combat support and business) to deliver greater Warfighter effectiveness and generate efficiencies. The OSMP uses a full DOTMLPF construct to address the opportunities and issues related to modernization across the spectrum of Operational Support.	Int. Re-Engineering + I-CRRA See complete list of user defined milestones in Appendix J: System Transition Schedule.	4/2007	Budget	-	48.5	28.6	9.0
					Actual	-			

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AIR FORCE	Pers Trans * Personnel Transformation	<p>The objective of the Personnel Transformation program is to establish a common platform for delivering personnel/pay services to the Total Force – active duty, guard, reserve, civilian, family members as well as retirees. The vision for transforming business operations is a “one-stop shopping” service center, delivering personnel and pay services anytime, anywhere, by leveraging technology for web services and providing access to expert advice via a contact center 24/7/365. The information technology (IT) portion of Pers Trans will be built on and leverage the Defense Civilian Personnel Data System (DCPDS) and the Defense Integrated Military Human Resources System (DIMHRS).</p> <p>Three legacy systems comprise the Pers Trans Initiative. They are: (1) Personnel Service Delivery (PSD), DITPR ID 453, ITMA # 0421; (2) Regionalization of Civilian Personnel Support (RCPS - DP), DITPR ID 459, ITMA # 4065; (3) Air Force Military Personnel Data System (PDS), DITPR ID 59, ITMA # 1237 The Budget Lines for these three legacy systems are rolled up into the Cost & Budget data for this Initiative.</p> <p>The Regionalization of Civilian Personnel Support - The IT portion of this program consists of multiple computer applications, including the Interactive Voice Response System (IVRS) and the Electronic Official Personnel Folder (PARIS), as well as the accompanying business process changes. These applications have revolutionized AF personnel processes for over 150,000 civilian AF employees.</p> <p>MilPDS is the military personnel legacy portion of this transformation process. Air Force Military Personnel Data System (MilPDS) is the system used for all Air Force personnel actions. It is the largest human resource system in DoD, containing 1.7 million records in its relational database. Core functionality will be subsumed by DIMHRS. However, non-subsumed functionality will be re-designed/reengineered on a web-based platform, compatible with DIMHRS and DoD BEA.</p>	AF Military Uniques to DIMHRS Milestone B AF Civilian Uniques to DCPDS IOC FOC Military Personnel Data System IOC FOC	3/2006 3/2002 8/2004 6/2001 7/2001	Budget	154.1	57.4	85.9	80.1
					Actual	154.1			

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			Milestone	Date					
AIR FORCE	PM&O*	In the area of program management and oversight, the Air Force is moving toward a vision of an integrated business environment supported by a Portal/workspace that provides an integrated set of tools and information. This will support work within and across programs as well as provide information through the acquisition chain to the PEO, SAE, and DAE. Efforts in this area include: CCaR, IDECS, EKM, and ATIMS which are described in ITMA initiatives. Systems that will require certification are: CCaR, SMART, PRIDE, and IRSS.	PRIDE functionality to the Acq Portal	12/2008					
	Program Management and Oversight		See complete list of user defined milestones in Appendix J: System Transition Schedule.		Budget	35.7	20.0	17.1	18.5
					Actual	35.7			
	Sourcing*	In the area of sourcing, the Air Force is supporting DoD and Federal initiatives that comprise the Integrated Acquisition Environment (IAE). Within that, we are deploying the DoD Standard Procurement System and pursuing efforts in Contracting Business Intelligence and Electronic Commerce. These efforts are described in ITMA initiatives. Systems that will require certification are: AFeBuy.	ConWrite Replaced by SPS v4.2.3	12/2007					
	Sourcing		See complete list of user defined milestones in Appendix J: System Transition Schedule.		Budget	72.5	24.8	25.9	23.3
					Actual	72.5			
T&E*	In the test and evaluation area, the Air Force is streamlining its test operations to reduce cost and more efficiently use available test resources -- test assets, aircraft, facilities, and ranges. System that requires certification is: COOL.	AFMC Selection of Preferred Modules	8/2005						
Test and Evaluation		See complete list of user defined milestones in Appendix J: System Transition Schedule.		Budget	4.2	4.7	4.7	4.7	
					Actual	4.2			
FY05 and earlier figures represent budgets or actual obligations. FY06 and FY07 figures represent the President's Budget (PB) data.									

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General Notes:

- FY05 and earlier figures represent budgets or actual obligations.
- FY06 and FY07 figures reflect the President's Budget (PB06) submission of 5 March 2005.
- All dollar amounts are in millions.

Specific Notes:

1. AIM – PB06 budget reflects multiple efforts under the AIM initiative. This budget only includes the portion allocated to the AIM system.
2. AIT – Reflects Department of Navy program elements only.
3. Navy ERP – budget numbers presented include the budgets for the Navy ERP pilot programs.
4. EBS – AFRL BSCI represents more than just EBS. Only the EBS portion is reflected here.
5. EESOH-MIS budget is funded as part of ACES (ITMA 5050).
6. These Component programs have milestones dependent on additional funding or reallocation of FY06 funds. The PB07 budget exhibits will reflect any additional or reallocated funds for these programs.